

ABSTRACT OF THE DISCLOSURE

A base station for a first service network and a base station for a second service network are provided within a station building, and are connected to common transmission path and transmitter through a line concentrator. A base station control unit for the first service network and a base station control unit for the second service network are provided within another station building. The base station control units are connected to each other through a single line multiplexer/demultiplexer and an STM line terminating set and an STM line terminating set, and a transmitter is connected to the line multiplexer/demultiplexer through an STM line terminating set. This construction can realize transmission line sharing method and system for service networks different from each other in a system, wherein the cost at the time of the provision of a new service can be reduced through sharing of the transmission system.